Author Index to Volume 49 (2004)

A

Adams AB, coauthor: Bliss PL, 49(2):160

Adams AB & Simonson D: Publications, citations, and impact factors of leading investigators in critical care medicine, 49(3):276 original contributions

Adams CA, coauthor: Hoisington ER, 49(11):1309

Aggarwal A, coauthor: Aoun NY, 49(12):1515

Allen GB III: Acute respiratory distress syndrome, 49(12): 1551 books, films, tapes, & software

Alonso JA, coauthor: Kallet RH, 49(9):1008

Altman LC: The immunological basis of asthma, 49(8): 944 books, films, tapes, & software

Anderson D, coauthor: Lester MK, 49(12):1504

Aoun NY et al: Fatal acute interstitial pneumonitis complicating polymyositis in a 41-year-old man, 49(12): 1515 case report

Aoun NY et al: Tracheal bronchus, 49(9):1056 teaching case of the month

Ari A, coauthor: Rau JL, 49(2):174

Ashtyani H, coauthor: Hutter DA, 49(11):1320

Ayars GH: Middleton's allergy: principles and practice, 6th ed, 49(8):943 books, films, tapes, & software

B

Baas AS: Coronary circulation and myocardial ischemia, 49(5):540 books, films, tapes, & software

Baernstein A. ACLS quick review study guide, 2nd ed; Rapid ACLS (pocket guide); Success in ACLS: essential skills, 3rd ed (video plus booklet), 49(4):425 books, films, tapes, & software

Ballard J, coauthor: Lugo RA, 49(9):1029

Bana DS, coauthor: Murphy RLH, 49(12):1490

Bartal C, coauthor: Klein M, 49(9):1035

Becker EA: Life-experience credit versus "diploma mill," 49(9):1061 letter

Beckett RG: Egan's fundamentals of respiratory care, 8th edition, 49(6):684 books, films, tapes, & software

Behrens C, coauthor: Paredes V, 49(8):947

Belda TE: Computers in patient education and monitoring, 49(5):480 conference proceedings

Belda TE et al: Practice variability in management of acute respiratory distress syndrome: bringing evidence and clinician education to the bedside using a web-based teaching tool, 49(9):1015 original contributions

Benditt JO: Announcing a new RESPIRATORY CARE section: teaching case of the month, 49(8):895 editorial

Benditt JO: Lung volume reduction surgery for emphysema, 49(10):1256 books, films, tapes, & software

Benditt JO: Surgical therapies for chronic obstructive pulmonary disease, 49(1):53 conference proceedings

Bennett M: Bennett and Elliott's physiology and medicine of diving, 5th ed, 49(4):427 books, films, tapes, & software

Bhorade SM: Lung transplantation, 49(10):1256 books, films, tapes, & software

Black CP: Mechanics of breathing: pathophysiology, diagnosis, and treatment, 49(9):1064 books, films, tapes, & software

Blake SS et al: Respiratory therapists' attitudes about participative decision making: relationship between managerial decision-making style and job satisfaction, 49(8): 917 original contributions

Blanch L: Essentials of mechanical ventilation, 2nd edition, 49(5):537 books, films, tapes, & software

Blanch PB: Laboratory evaluation of 4 brands of endotracheal tube cuff inflator, 49(2):166 original contributions

Bliss PL et al: Characteristics of demand oxygen delivery systems: maximum output and setting recommendations, 49(2):160 original contributions

Bowman CM, coauthor: Lester MK, 49(12):1504

Branson RD: Anatomy of a research paper, 49(10):1222 symposium papers

Branson RD & Johannigman JA: What is the evidence base for the newer ventilation modes?, 49(7):742 symposium papers

Britto MT, coauthor: Conway E, 49(6):589

Brottem JL: Respiratory medicine, 49(2):207 books, films, tapes, & software

Brunette DD, coauthor: Kempainen RR, 49(2):192

Burton RT et al: Computer reconstruction of a human lung boundary model from magnetic resonance images, 49(2): 180 original contributions

C

Campbell RS: How to present, summarize, and defend your poster at the meeting, 49(10):1217 symposium papers

Cao D-S, coauthor: Liu Y-N, 49(3):257

Carl JC: Childhood asthma and other wheezing disorders, 2nd ed, 49(3):309 books, films, tapes, & software

Carvalho PG: Non-neoplastic advanced lung disease, 49(12):1551 books, films, tapes, & software

Ceriana P. coauthor: Nava S, 49(3):295

Chan ED, coauthor: Gruber MP, 49(12):1542

Chatburn RL: Advancing beyond the average: the importance of mentoring in professional achievement, 49(3): 304 2003 Philip Kittredge memorial lecture

Chatburn RL: Computer control of mechanical ventilation, 49(5):507 conference proceedings

Chatburn RL: Overview of respiratory care research, 49(10):1149 symposium papers

Chatburn RL & Nelson SB: Foreword: computers in respiratory care, 49(4):360 conference proceedings

Cheifetz IM, coauthor: Wratney AT, 49(3):263, Gupta VK, 49(9):1038

Chen L-A, coauthor: Liu Y-N, 49(3):257

Chong W-F, coauthor: Ong K-C, 49(12):1498

Chun AA: Cross-cultural medicine, 49(6):685 books, films, tapes, & software

Clark JG: Chemokines in the lung, 49(8):948 books, films, tapes, & software

Cohn RC, coauthor: Minai BA, 49(6):600

Conway E et al: Empowering respiratory therapists to take a more active role in delivering quality care for infants with bronchiolitis, 49(6):589 original contributions

Curtis JR, coauthor: Suwanvanichkij V, 49(3):286

D

Daroowalla F: Occupational disorders of the lung: recognition, management, and prevention, 49(2):209 books, films, tapes, & software

Davidson BL: AccessMedicine.com, 49(11):1360 books, films, tapes, & software DePriest JL, coauthor: Pawson SR, 49(11):1316

Dhand R: Basic techniques for aerosol delivery during mechanical ventilation, 49(6):611 symposium papers

Dhand R: New frontiers in aerosol delivery during mechanical ventilation, 49(6):666 symposium papers

Doelken P, coauthor: Lit LM, 49(9):1022

Doherty DE, coauthor: Petty TL, 49(6):678

Dosaka-Akita H, coauthor: Yoshida T, 49(12):1522

Duarte AG: Inhaled bronchodilator administration during mechanical ventilation, 49(6):623 symposium papers

Dunne PJ: Consumer-directed health care: are consumers ready?, 49(11):1305 editorial

Durbin CG Jr, coauthor: Schwenzer KJ, 49(10):1165

Durbin CG Jr: Effective use of tables and figures in abstracts, presentations, and papers, 49(10):1233 symposium papers

Durbin CG Jr: How to come up with a good research question: framing the hypothesis, 49(10):1195 symposium papers

Dweik RA & Dweik EE: The allergy and asthma cure: a complete 8-step nutritional program, 49(8):946 books, films, tapes, & software

Dweik EE, coauthor: Dweik RA, 49(8):946

E

Earnest A, coauthor: Ong K-C, 49(12):1498

El Gamal H, coauthor: Tanios MA, 49(2):189

Ellwanger DL: Effects of HME on aerosol administration, 49(12):1546 letter

Epstein SK, coauthor: Schumaker GL, Tanios MA, 49(2): 189, 49(7):766

Evans D: Respiratory disorders and behavioral medicine, 49(12):1549 books, films, tapes, & software

Evans-Agnew RA: One minute asthma: what you need to know, 6th edition, 49(12):1547 books, films, tapes, & software

F

Fahy BF: Pulmonary rehabilitation for chronic obstructive pulmonary disease: a scientific and political agenda, 49(1):28 conference proceedings

Fan VS: Pharmacotherapy in chronic obstructive pulmonary disease, 49(10):1255 books, films, tapes, & software

Farver CL: From nutrition support to pharmacologic nutrition in the ICU, 49(4):428 books, films, tapes, & software

Fink JB: Aerosol delivery to ventilated infant and pediatric patients, 49(6):653 symposium papers

Fink JB: Device and equipment evaluations, 49(10):1157 symposium papers Fink JB: Expiratory chest compression in atelectasis: no harm, no foul—oops! 49(8):894 editorial

Fink JB: Foreword: aerosols in mechanical ventilation: a revolution in the making, 49(6):609 symposium papers

Fink JB: response to Ellwanger, 49(12):1546 letter

Fleming JS, coauthor: Burton RT, 49(2):180

Flores JC et al: Severe acute respiratory distress syndrome in a child with malaria: favorable response to prone positioning, 49(3):282 case report

Fluck RR Jr, coauthor: Gatto LA, 49(9):1045

Fluck RR Jr: Fundamentals of airway management techniques: a color atlas, 49(11):1357 books, films, tapes, & software

Flume PA, coauthor: Lester MK, 49(12):1504

Ford RM: Respiratory care management information systems, 49(4):367 conference proceedings

Fuke S, coauthor: Yoshida T, 49(12):1522

G

Gajic O, coauthor: Belda TE, 49(9):1015

Gardner RM: Computerized clinical decision-support in respiratory care, 49(4):378 conference proceedings

Gatto LA et al: Alveolar mechanics in the acutely injured lung: role of alveolar instability in the pathogenesis of ventilator-induced lung injury, 49(9):1045 reviews, overviews, & updates

Gay PC: Chronic obstructive pulmonary disease and sleep, **49(1):39** *conference proceedings*

Gentile MA, coauthor: Wratney AT, 49(3):263

Gerlach H: Inhalation therapy for pulmonary hypertension: the proceedings of a symposium held at the annual congress of the European Respiratory Society, Berlin, September 2001, 49(5):541 books, films, tapes, & software

Giordano SP: The American Association for Respiratory Care and the National Lung Health Education Program: partnering for our patients, 49(6):584 editorial

Goodman JR: transtracheal oxygen: not exactly a "novel" technology, 49(11):1354 letter

Gordon SM, coauthor: Shrestha RK, 49(6):606

Granger WM, coauthor: Waugh JB, 49(8):902

Granger WM: Physiology secrets, 2nd ed, 49(4):430 books, films, tapes, & software

Grayck EN, coauthor: Gupta VK, 49(9):1038

Gray SL, coauthor: Lester MK, 49(12):1504

Greenberg DL: Ferri's clinical advisor 2003: instant diagnosis and treatment, 49(1):112 books, films, tapes, & software

Gruber MP et al: Airflow limitation and dynamic gas trapping in a bone marrow transplant recipient, 49(12): 1542

Gupta VK et al: Heliox administration during high-frequency jet ventilation augments carbon dioxide clearance, 49(9):1038 case report

Gurman GM, coauthor: Klein M, 49(9):1035

H

Habashi NM: Aeromedical evacuation: management of acute and stabilized patients, 49(1):114 books, films, tapes, & software

Hamel DS, coauthor: Wratney AT, 49(3):263

Hansen-Flaschen J: Chronic obstructive pulmonary disease: the last year of life, 49(1):90 conference proceedings

Harada T, coauthor: Yoshida T, 49(12):1522

Harrison BA, coauthor: Belda TE, 49(9):1015

Hassoun PM, coauthor: Tanios MA, 49(2):189

Hayes GB, coauthor: Aoun NY, 49(12):1515

Haynes JM: A case of disparity between pulse oximetry measurements and blood gas analysis values, 49(9):1059 pft corner

Hays RM: Shelter from the storm: caring for a child with a life-threatening condition, 49(3):311 books, films, tapes, & software

Herschman Z: Hypothermia—in the operating room and beyond, 49(2):158 editorial

Hess DR, coauthor: Schwartz AR, 49(3):270

Hess DR: Guidelines for preventing health-care-associated pneumonia, 2003: buyer beware!, 49(8):891 editorial

Hess DR: How to write an effective discussion, 49(10): 1238 symposium papers

Hess DR: Information retrieval in respiratory care: tips to locate what you need to know, **49(4):389** conference proceedings

Hess DR: Respiratory critical care, 49(1):110 books, films, tapes, & software

Hess DR: Retrospective studies and chart reviews, 49(10): 1171 symposium papers

Hess DR: The evidence for noninvasive positive-pressure ventilation in the care of patients in acute respiratory failure: a systematic review of the literature, 49(7):810 symposium papers

Hess DR: The 19th Annual New Horizons Symposium: integrating evidence-based respiratory care into clinical practice, 49(7):729 foreword

Hess DR: What is evidence-based medicine and why should I care? 49(7):730 symposium papers

Hill NS: Noninvasive ventilation for chronic obstructive pulmonary disease, 49(1):72 conference proceedings

Hirschmann JV: Hospital infection: from miasmas to MRSA, 49(6):689 books, films, tapes, & software

Hogan MB: Pediatric allergy: principles and practice, 49(3): 309 books, films, tapes, & software

Hoisington ER et al: Impact of a program to provide patients with comparative information about providers of durable medical equipment for home respiratory care, 49(11):1309 original contributions

Holland BK, coauthor: Hutter DA, 49(11):1320 Honari G, coauthor: Shrestha RK, 49(6):606

Hopper KB: Education, teleconferencing, and distance learning in respiratory care, 49(4):410 conference proceedings

Howard WR: Respiratory care billing using a personal digital assistant, 49(11):1339 special articles

Huggins JT: Pleural diseases, 49(11):1358 books, films, tapes, & software

Hutter DA et al: The effect of body mass index on outcomes of patients receiving noninvasive positive-pressure ventilation in acute respiratory failure, 49(11):1320 original contributions

Hyskell J: Coping with chronic obstructive pulmonary disease, 49(5):543 books, films, tapes, & software

I

Imaz A, coauthor: Flores JC, 49(3):282 Isaacs KK, coauthor: Burton RT, 49(2):180 Itoh T, coauthor: Yoshida T, 49(12):1522 Iwashita K, coauthor: Koga T, 49(11):1335

J

Jia Y-H, coauthor: Liu Y-N, 49(3):257 Johannigman JA, coauthor: Branson RD, 49(7):742

K

Kacmarek RM, coauthor: Schwartz AR, 49(3):270 Kaji M, coauthor: Yoshida T, 49(12):1522

Kallet RH: Evidence-based management of acute lung injury and acute respiratory distress syndrome, 49(7):793 symposium papers

Kallet RH: How to write the methods section of a research paper, 49(10):1229 symposium papers

Kallet RH et al: Prognostic value of the pulmonary deadspace fraction during the first 6 days of acute respiratory distress syndrome, 49(9):1008 original contributions

Kallstrom TJ: Evidence-based asthma management, 49(7): 783 symposium papers

Kaminsky DA & Leiman G: False-positive sputum cytology in a case of pulmonary infarction, 49(2):186 case report

Kane GC, coauthor: Lunenfeld E, 49(8):940 Kanne JP, coauthor: Parimon T, 49(3):291 Kawazu T, coauthor: Koga T, 49(11):1335

Kempainen RR: Principles of pulmonary medicine, 4th ed, 49(7):846 books, films, tapes, & software

Kempainen RR & Brunette DD: The evaluation and management of accidental hypothermia, 49(2):192 reviews, overviews, & updates

Kenney LA, coauthor: Aoun NY, 49(9):1056, 49(12):1515 Kester L, coauthor: Blake SS, 49(8):917

Klein M et al: Helmet noninvasive ventilation for weaning from mechanical ventilation, 49(9):1035 case report

Koehle MS: Bove and Davis' diving medicine, 4th edition, 49(11):1359 books, films, tapes, & software

Koga T et al: Pulmonary hyperinflation and respiratory distress following solvent aspiration in a patient with asthma: expectoration of bronchial casts and clinical improvement with high-frequency chest wall oscillation, 49(11):1335 case report

Kollef MH: Appropriate empiric antimicrobial therapy of nosocomial pneumonia: the role of the carbapenems, 49(12):1530 reviews, overviews, & updates

Konishi J, coauthor: Yoshida T, 49(12):1522 Kotagal UR, coauthor: Conway E, 49(6):589

Krueger MA: Simulations in biomedicine V, 49(4):424 books, films, tapes, & software

L

LeGrand TS, coauthor: Shelledy DC, 49(8):907 Leiman G, coauthor: Kaminsky DA, 49(2):186

Lester MK et al: Nebulizer use and maintenance by cystic fibrosis patients: a survey study, 49(12):1504 original contributions

Lewis RM: Pediatric respiratory emergencies (on-line education module), 49(3):314 books, films, tapes, & software

Lit LM et al: Correction of error in respiratory resistance measurements made with the flow-interruption technique during mechanical ventilation: evaluation of the Puritan Bennett 7200 and 840 ventilators, 49(9):1022 original contributions

Liu Y-N et al: Aspiration of dead space in the management of chronic obstructive pulmonary disease patients with respiratory failure, 49(3):257 original contributions

Li Y-Z, coauthor: Lin Y-N, 49(3):257

López-Herce J, coauthor: Flores JC, 49(3):282

Lugo RA & Ballard J: Albuterol delivery from a metereddose inhaler with spacer is reduced following shortduration manual ventilation in a neonatal ventilator-lung model, 49(9):1029 original contributions

Lunenfeld E & Kane GC: Methemoglobinemia: sudden dyspnea and oxyhemoglobin desaturation after esophagoduodenoscopy, 49(8):940 teaching case of the month Lynch P: Prevention and control of nosocomial infections, 4th ed, 49(6):688 books, films, tapes, & software

M

Ma Y-M, coauthor: Liu Y-N, 49(3):257

MacIntyre NR: Chronic obstructive pulmonary disease: emerging medical therapies, 49(1):64 conference proceedings

MacIntyre NR: Evidence-based ventilator weaning and discontinuation, 49(7):830 symposium papers

MacIntyre NR: Respiratory system simulations and modeling, 49(4):401 conference proceedings

MacIntyre NR: The American Association for Respiratory Care and the National Lung Health Education Program: assuring quality in spirometry, 49(6):587 editorial

Mahoney AM: Interstitial lung disease, 4th ed, 49(2):208 books, films, tapes, & software

Manthous CA, coauthor: Thorevska NY, 49(11):1326

Marin TL: The respiratory system, 49(9):1063 books, films, tapes. & software

Marinella MA: Community-acquired pneumonia due to Pasteurella multocida, 49(12):1528 case report

Marinelli PM, coauthor: Murphy RLH, 49(12):1490

Marlow S: Tobacco dependence and COPD: A state-ofthe-art series, 49(10):1254 books, films, tapes, & software

Marshall NA Jr, coauthor: Mazzolini DG, 49(12):1509

Martin JE, coauthor: Minai BA, 49(6):600

Martonen TB, coauthor: Burton RT, 49(2):180

Matthay MA, coauthor: Kallet RH, 49(9):1008

Mayo PH, coauthor: Lit LM, 49(9):1022

Mazzolini DG Jr & Marshall NA: Evaluation of 16 adult disposable manual resuscitators, 49(12):1509 original contributions

McCarthy K, coauthor: Hoisington ER, 49(11):1309

McCoy RW, coauthor: Bliss PL, 49(2):160

McDowell PK: Manual of pulmonary function testing, 8th ed, 49(9):1066 books, films, tapes, & software

Merritt TA: Neonatal respiratory disorders, 2nd edition, 49(11):1356 books, films, tapes, & software

Miller DA, coauthor: 49(11):1309, Hoisington ER

Minai BA et al: Results of a physician and respiratory therapist collaborative effort to improve long-term metered-dose inhaler technique in a pediatric asthma clinic, 49(6):600

Mizutani T, coauthor: Unoki T, 49(8):896

Moore A, coauthor: Conway E, 49(6):589

Morikawa T, coauthor: Yoshida T, 49(12):1522

Murphy RLH et al: Automated lung sound analysis in patients with pneumonia, 49(12):1490 original contributions

Myers TR: Assisted ventilation of the neonate, 4th ed, 49(6):686 books, films, tapes, & software

N

Nana-Sinkam SP, coauthor: Gruber MP, 49(12):1542

Narita M: Tuberculosis, 2nd ed, 49(9):1067

Nava S & Ceriana P: Causes of failure of noninvasive mechanical ventilation, 49(3):295 special article

Nelson SB, coauthor: Chatburn RL, 49(4):360

Nelson SB: Conference summary: computers in respiratory care, 49(5):531 conference proceedings

Nelson SB: Not so fast! the dark side of computers in health care, 49(5):525 conference proceedings

Nieman GF, coauthor: Gatto LA, 49(9):1045

Nishimura M, coauthor: Yoshida T, 49(12):1522

0

Ong K-C et al: Comparison of different exercise tests in assessing outcomes of pulmonary rehabilitation, 49(12): 1498 original contributions

Ota S, coauthor: Yoshida T, 49(12):1522

P

Paciej R, coauthor: Murphy RLH, 49(12):1490

Paredes V & Behrens C: 20 Common problems in respiratory disorders, 49(8):947 books, films, tapes, & software

Parimon T et al: Acute inhalation injury with evidence of diffuse bronchiolitis following chlorine gas exposure at a swimming pool, 49(3):291 case report

Park DR: Interpretation of pulmonary function tests: a practical guide, 2nd edition, 49(5):538 books, films, tapes, & software

Parshall MB: Multidisciplinary approaches to breathing pattern disorders, 49(7):847 books, films, tapes, & software

Pawson SR & DePriest JL: Are blood gases necessary in mechanically ventilated patients who have successfully completed a spontaneous breathing trial?, 49(11):1316 original contributions

Perkin RM: An atlas of infant polysomnography, 49(6): 687 books, films, tapes, & software

Peters JI, coauthor: Shelledy DC, 49(8):907

Petrini MF: Pulmonary biology in health and disease, 49(2): 210 books, films, tapes, & software

Petty TL & Doherty DE: The National Lung Health Education Program: roots, mission, future directions, 49(6): 678 special articles

Pierson DJ: Case reports in respiratory care, 49(10):1186 symposium papers

Pierson DJ, coauthor: Parimon T, 49(3):291

Pierson DJ: How to write an abstract that will be accepted for presentation at a national meeting, 49(10):1206 symposium papers Pierson DJ: Research and publication in respiratory care, 49(10):1145 editorial

Pierson DJ: The top 10 reasons why manuscripts are not accepted for publication, 49(10):1246 symposium papers

Pierson DJ: Translating new understanding into better care for the patient with chronic obstructive pulmonary disease: conference summary, 49(1):99 conference proceedings

Pittet J-F, coauthor: Kallet RH, 49(9):1008

Plevak DJ, coauthor: Ward JJ, 49(10):1199

Poulakidas S: Thoracic trauma and critical care, 49(1):113 books, films, tapes, & software

Power-Charnitsky V-A, coauthor: Murphy RLH, 49(12): 1490

Priest JL, coauthor: Pawson RR, 49(11):1316 Procop GW, coauthor: Shrestha RK, 49(6):606

R

Rabatin JT, coauthor: Belda TE, 49(9):1015

Raoof S: Mechanical ventilation and weaning, 49(2):211 books, films, tapes, & software

Rau JL: Searching the literature and selecting the right references, 49(10):1242 symposium papers

Rau JL et al: Performance comparison of nebulizer designs: constant-output breath-enhanced, and dosimetric, 49(2):174 original contributions

Restrepo RD, coauthor: Rau JL, 49(2):174

Rich K, coauthor: Conway E, 49(6):589

Robertson HT & Swenson ER: What do dead-space measurements tell us about the lung with acute respiratory distress syndrome?, 49(9):1006 editorials

Rubenfeld GD: Surveys: an introduction, 49(10):1181 symposium papers

Rubenfeld GD: Translating clinical research into clinical practive in the intensive care unit: the central role of respiratory care, 49(7):837 2003 Donald F Egan scientific lecture

Rubin BK: An atlas of induced sputum: an aid for research and diagnosis, 49(12):1547 books, films, tapes, & software

S

Salyer JW: Respiratory care of bronchiolitis patients: a proving ground for process improvement, 49(6):581 editorial

Sassoon CSH: Textbook of pleural diseases, 49(10):1257 books, films, tapes, & software

Schoene RB: Cross-examination: the comprehensive guide for experts, 49(7):845 books, films, tapes, & software Schoettker PJ, coauthor: Conway E, 49(6):589 Schumaker GL & Epstein SK: Managing acute respiratory failure during exacerbation of chronic obstructive pulmonary disease, 49(7):766 symposium papers

Schwartz AR et al: Factors affecting oxygen delivery with bi-level positive airway pressure, 49(3):270 original contributions

Schwenzer KJ & Durbin CG Jr: The spectrum of respiratory care research: prospective clinical research, 49(10): 1165 symposium papers

Seriñá C, coauthor: Flores JC, 49(3):282

Shelledy DC: How to make an effective poster, 49(10): 1213 symposium papers

Shelledy DC et al: An assessment of the appropriateness of respiratory care delivered at a 450-bed acute care Veterans Affairs hospital, 49(8):907 original contributions

Shigeoka JW: Demand valves for oxygen therapy: your mileage may vary, 49(2):156 editorial

Shigeoka JW: response to Goodman, 49(11):1354 letter
Shrestha RK et al: Pneumonia due to cryptococcus neoformans in a patient receiving infliximab: possible zoonotic transmission from a pet cockatiel, 49(6):606 case report

Silvestri GA: Lung cancer, 49(1):114 books, films, tapes, & software

Simonson D, coauthor: Adams AB, 49(3):276

Siobal M: Aerosolized prostacyclins, 49(6):640 symposium papers

Skerrett SJ: Fast facts—respiratory tract infection, 2nd ed, 49(1):111 books, films, tapes, & software

Smaldone GC: Aerosolized antibiotics in mechanically ventilated patients, 49(6):635 symposium papers

Soh C, coauthor: Ong K-C, 49(12):1498

Stecenko A: Gene therapy in lung disease, 49(8):949 books, films, tapes, & software

Stephens L: Basic clinical lab competencies for respiratory care: an integrated approach, 4th edition, 49(5):537 books, films, tapes, & software

Stewart KJ: Respiratory care in the computer age, 49(4): 361 conference proceedings

Stoller JK, coauthor: Shrestha RK, 49(6):606, Blake SS, 49(8):917, Hoisington ER, 49(11):1309, Yataco J, 49(12):1525

Stoller JK: Quality-assurance research: studing processes of care, 49(10):1175 symposium papers

Stoller JK: The effectiveness of respiratory care protocols, 49(7):761 symposium papers

Susla GM: Drugs for the treatment of respiratory diseases, 49(4):429 books, films, tapes, & software

Suwanvanichkij V & Curtis JR: The use of high positive end-expiratory pressure for respiratory failure in abdominal compartment syndrome, 49(3):286 case report

Swenson ER, coauthor: Robertson HT, 49(9):1006

T

- Tanios MA et al: Severe respiratory muscle weakness related to long-term colchicine therapy, 49(2):189 case report
- Thompson WH: An atlas of chronic obstructive pulmonary disease, 49(10):1253 books, films, tapes, & software
- Thompson WH: Bronchioloalveolar carcinoma masquerading as pneumonia, 49(11):1349 teaching case of the month
- Thompson WH: Respiratory medicine, 3rd ed, 2 volumes, 49(2):206 books, films, tapes, & software
- Thorevska NY & Manthous CA: Determinants of dynamic hyperinflation in a bench model, 49(11):1326 original contributions
- Tonelli MR: Ethics and evidence-based medicine: fallibility and responsibility in clinical science, 49(7):844 books, films, tapes, & software
- Toyooka H, coauthor: Unoki T, 49(8):896 Trayner EE, coauthor: Aoun NY, 49(9):1056

U

Unoki T et al: Effects of expiratory rib cage compression with endotracheal suctioning on gas exchange in mechanically ventilated rabbits with induced atelectasis, 49(8):896 original contributions

V

- Vanderheiden S: Radiology of the chest and related conditions, 49(7):848 books, films, tapes, & software
 Valor, F. counthers, April NY, 49(9):1056, 49(12):1515.
- Velez E, coauthor: Aoun NY, 49(9):1056, 49(12):1515
 Volsko TA: Expanding opportunities for handheld technology use in respiratory care, 49(11):1307 editorial
- Volsko TA: Portable computers and applications in respiratory care, 49(5):497 conference proceedings
- Vyshedskiy A, coauthor: Murphy RLH, 49(12):1490

W

- Walker DH: Staff training and computers in respiratory care, 49(5):489 conference proceedings
- Wamboldt MZ: Asthma: social and psychological factors and psychosomatic syndromes, 49(12):1548 books, films, tapes, & software

- Ward JJ & Plevak DJ: Facilitating research projects in schools and clinical respiratory care departments, 49(10): 1199 symposium papers
- Ward NS: Using computers for intensive care unit research, 49(5):518 conference proceedings
- Waugh JB & Granger WM: An evaluation of 2 new devices for nasal high-flow gas therapy, 49(8):902 original contributions
- Weksler N, coauthor: Klein M, 49(9):1035
- Welch MA Jr: Critical diagnostic thinking in respiratory care: a case-based approach, 49(7):844 books, films, tapes, & software
- White MV: Sillwee Wobbert and wheezing Will in the big game, 49(3):312 books, films, tapes, & software
- Wilkins RL: Is the stethoscope on the verge of becoming obsolete? 49(12):1488 editorial
- Wong-Tse A, coauthor: Murphy RLH, 49(12):1490
- Woodrum DE: Respiratory control and disorders in the newborn, 49(3):311 books, films, tapes, & software
- Wratney AT: Pediatric respiratory examination (CD-ROM), 49(3):312 books, films, tapes, & software
- Wratney AT et al: Successful treatment of acute chest syndrome with high-frequency oscillatory ventilation in pediatric patients, 49(3):263 original contributions

X

Xie L-X, coauthor: Liu Y-N, 49(3):257

Y

- Yahata R, coauthor: Koga T, 49(11):1335
- Yamazaki K, coauthor: Yoshida T, 49(12):1522
- Yataco J & Stoller JK: Pulmonary venous thrombosis and infarction complicating pulmonary venous stenosis following radiofrequency ablation, 49(12):1525 case report
- Yoshida T et al: Lung adenocarcinoma presenting with enlarged and multiloculated cystic lesions over 2 years, 49(12):1522 case report

Z

- Zhang B, coauthor: Liu Y-N, 49(3):257
- Zhang J-P, coauthor: Liu Y-N, 49(3):257
- Zhang X-G, coauthor: Liu Y-N, 49(3):257
- Zhao W-G, coauthor: Liu Y-N 49(3):257
- Zilbertstein G, coauthor: Klein M, 49(9):1035

Subject Index to Volume 49 (2004)

1-128 JAN 329-448 APR 705-864 JUL 1121-1272 OCT 129-224 FEB 449-560 MAY 865-976 AUG 1273-1464 NOV 225-328 MAR 561-704 JUN 977-1120 SEP 1465-1592 DEC

A

Abdominal injuries

high positive end-expiratory pressure, in abdominal compartment syndrome (case report), 286

Abstracts

effective use of tables and figures, 1233 for presentations, writing of, 1206 in research papers, 1225

Accounting

respiratory care billing using PDA, 1339

Acute respiratory distress syndrome (ARDS)

aerosolized prostacyclins for, 643

book review

Acute respiratory distress syndrome (Matthay MM), 1551

dead-space measurements (editorial), 1006

evidence-based management, 793

drug therapy, 801

extracorporeal membrane oxygenation, 801

fluid management, 803

high-frequency oscillatory ventilation, 799

inhaled nitric oxide, 801

lung-protective ventilation, 794

nutritional support, 805

online clinical education, 1015

partial liquid ventilation, 800

prone positioning, 800

surfactant replacement therapy, 800

high-frequency oscillation for acute chest syndrome, 263 pulmonary dead-space fraction, prognostic value, 1008 pulmonary hyperinflation and respiratory distress fol-

lowing solvent aspiration (case report), 1335

severe, with malaria, prone positioning for (case report), 282

Acute respiratory failure. See also Respiratory failure

body mass index and noninvasive positive-pressure ventilation, treatment outcome, 1320

Adenocarcinoma

false-positive sputum cytology, in pulmonary infarction (case report), 186

Adenocarcinoma, bronchiolo-alveolar

with cystic lesions (case report), 1522 pneumonia vs, 1349

Advance directives

chronic obstructive pulmonary disease and, 90

Advanced cardiac life support

book reviews

ACLS quick review study guide, 2nd ed (Aehlert B), 425

Rapid ACLS (pocket guide) (Aehlert B), 425

video review

Success in ACLS: essential skills, 3rd ed (Tait C). 425

Aerosols and aerosol administration

heat and moisture exchanger and aerosol administration (letter), 1546

in mechanical ventilation, 609

antibiotics, 635

basic techniques, 611

configuration of devices, 614

factors affecting delivery, 616

goals, 667

infants and children, 653

inhaled bronchodilator administration, 623

intratracheal catheter, 668

liposome formulations, 668

new frontiers in, 666

noninvasive, 620

surfactant therapy, 671

vibrating plate technology, 667

nebulizer designs, performance comparison, 174 with noninvasive positive-pressure ventilation, 823 prostacyclins, 640

Airflow obstruction

with dynamic gas trapping, in bone marrow transplantation, 1542

measurement errors in mechanical ventilation, 1022

Airway care and management

book review

Fundamentals of airway management techniques: a color atlas (Patil VU), 1357

Nasotracheal suctioning—2004 revision & update (AARC clinical practice guideline), 1080

Airway resistance

dynamic hyperinflation, determinants in bench model, 1326

Albuterol

metered-dose inhaler with spacer delivery, following short-duration manual ventilation, 1029

Allergies

book reviews

The allergy and asthma cure: a complete 8-step nutritional program (Pescatore F), 946

Middleton's Allergy: principles and practice, 6th ed (Adkinson NF Jr et al), 943

Pediatric allergy: principles and practice (Leung DYM et al), 309

Alpha-1 antitrypsin deficiency

in chronic obstructive pulmonary disease, 102

American Association for Respiratory Care

OPEN FORUM abstracts—2004, 1361

partnership with National Lung Health Education Program

editorial, 584

quality assurance in spirometry and, 587

Anatomy and physiology

book review

Physiology secrets, 2nd ed (Raff H), 430

Anesthesia and anesthetics

hypothermia and (editorial), 158

Antibiotic drugs

aerosol delivery, in mechanical ventilation, 635

for asthma management, 788

for chronic obstructive pulmonary disease exacerbation, 772

empiric, for nosocomial pneumonia (review article), 1530

Arterial blood gases

blood gas monitoring in mechanical ventilation following spontaneous breathing trial, 1316

Aspiration

respiratory dead space, in COPD management, 257

Asthma

book reviews

The allergy and asthma cure: a complete 8-step nutritional program (Pescatore F), 946

Asthma: social and psychological factors and psychosomatic syndromes (Brown ES), 1548

Childhood asthma and other wheezing disorders, 2nd ed (Silverman M), 309

The immunological basis of asthma (Lambrecht BN et al), 944

One minute asthma: what you need to know, 6th ed (Plaut TF), 1547

management, evidence-based practice, 783

noninvasive positive-pressure ventilation for, 813

pediatric, metered-dose inhaler technique improvement, 600

pulmonary hyperinflation and respiratory distress following solvent aspiration (case report), 1335

Atelectasis

expiratory rib cage compression (editorial), 894 with endotracheal suctioning, 896 models, 897

Atrial fibrillation

pulmonary vein thrombosis with venous stenosis following radiofrequency ablation (case report), 1525

Auscultation and breath sounds

automated lung sound analysis in pneumonia, 1490 Is the stethoscope on the verge of becoming obsolete? (editorial), 1488

Authorship. See Writing for publication

B

Bench evaluations

albuterol delivery via metered-dose inhaler with spacer, neonatal ventilator-lung model, 1029 demand oxygen delivery systems, characteristics, 160

disposable manual resuscitators, 1509

dynamic hyperinflation, determinants of, 1326

endotracheal tube cuff inflators, laboratory evaluation, 166

nasal cannula/humidifier devices for high-flow gas therapy, 902

nebulizer designs, performance comparison, 174 oxygen demand valves (editorial), 156

Puritan Bennet 7200 and 840 ventilators, correction of respiratory resistance measurement errors, 1022 research methods, 1157

Benefit-cost analysis. See Cost-effectiveness and cost issues

Beta agonists

for asthma, inhaled corticosteroids vs, 786 dosage in mechanically ventilated patients, 628

Biliary cirrhosis

respiratory muscle weakness from long-term colchicine therapy (case report), 189

Billing systems

respiratory care billing using PDA, 1339

Blood gas monitoring

in mechanically ventilated patients completing spontaneous breathing trial, 1316

pulse oximetry measurements and blood gas analysis values, disparity between (PFT Corner), 1059

Transcutaneous blood gas monitoring for neonatal & pediatric patients—2004 revision & update (AARC clinical practice guideline), 1069

Body mass index

noninvasive positive-pressure ventilation in acute respiratory failure, treatment outcome, 1320

Body temperature

accidental hypothermia, evaluation and management,

Bone marrow transplantation

airflow limitation and dynamic gas trapping, 1542

Book reviews

ACLS quick review study guide, 2nd ed (Aehlert B), 425 Acute respiratory distress syndrome (Matthay MA), 1551

Aeromedical evacuation: management of acute and stabilized patients (Hurd WW, Jernigan JG), 113

The allergy and asthma cure: a complete &-step nutritional program (Pescatore F), 946

Assisted ventilation of the neonate, 4th ed (Goldsmith JP, Karotkin EH), 686

Asthma: social and psychological factors and psychosomatic syndromes (Brown ES), 1548

An atlas of chronic obstructive pulmonary disease (Hansel TT, Barnes PJ), 1253

An atlas of induced sputum: an aid for research and diagnosis (Djukanovic R, Sterk PJ), 1547

An atlas of infant polysomnography (Crowell DH), 687 Basic clinical lab competencies for respiratory care: an integrated approach, 4th ed (White GC), 537

Bennett and Elliott's physiology and medicine of diving, 5th ed (Brubakk AO, Neuman TS), 427

Bove and Davis' diving medicine, 4th ed (Bove AA), 1359

Chemokines in the lung (Strieter RM et al), 948

Childhood asthma and other wheezing disorders, 2nd ed (Silverman M), 309

Coping with chronic obstructive pulmonary disease (Simberg EF), 543

Coronary circulation and myocardial ischemia (Pinsky MR et al), 540

Critical diagnostic thinking in respiratory care: a casebased approach (Stoller JK et al), 844

Cross-cultural medicine (Bigby J), 685

Cross-examination: the comprehensive guide for experts (Babitsky S, Mangraviti JJ Jr), 845

Drugs for the treatment of respiratory diseases (Spina D, et al), 429

Egan's fundamentals of respiratory care, 8th ed (Wilkins RL et al), 684

Essentials of mechanical ventilation, 2nd ed (Hess DR, Kacmarek RM), 537

Ethics and evidence-based medicine: fallibility and responsibility in clinical science (Goodman KW), 844

Fast facts—respiratory tract infections, 2nd ed (Read RC, Craven DE), 111

Ferri's clinical advisor 2003: instant diagnosis and treatment (Ferri FF), 112

From nutrition support to pharmacologic nutrition in the ICU (Pichard C, Kudsk KA), 428

Fundamentals of airway management techniques: a color atlas (Patil VU), 1357

Gene therapy in lung disease (Albelda SM), 949

Hospital infection: from miasmas to MRSA (Ayliffe GAJ, English MP), 689

The immunological basis of asthma (Lambrecht BN et al), 944

Inhalation therapy for pulmonary hypertension: the proceedings of a symposium held at the Annual Congress of the European Respiratory Society, Berlin, September 2001 (Higenbottam T, Emery C), 541

Interpretation of pulmonary function tests: a practical guide, 2nd ed (Hyatt RE et al), 538

Interstitial lung disease, 4th ed (Schwarz MI, King TE Jr), 208

Lung cancer (Fossella FV, et al), 114

Lung transplantation (Banner NR, et al), 1256

Lung volume reduction surgery for emphysema (Fessler HE, et al), 1256

Manual of pulmonary function testing, 8th ed (Ruppel GL), 1066

Mechanical ventilation and weaning (Mancebo J et al), 211

Mechanics of breathing: pathophysiology, diagnosis, and treatment (Aliverti A et al), 1064

Middleton's allergy: principles and practice, 6th ed (Adkinson NF Jr et al), 943

Multidisciplinary approaches to breathing pattern disorders (Chaitow L et al), 847

Neonatal respiratory disorders, 2nd ed (Greenough A, Milner AD), 1356

Non-neoplastic advanced lung disease (Maurer JR), 1551 Occupational disorders of the lung: recognition, management, and prevention (Hendrick DJ et al), 209 One minute asthma: what you need to know, 6th ed (Plaut TF), 1547

Pediatric allergy: principles and practice (Leung DYM et al), 309

Pharmacotherapy in chronic obstructive pulmonary disease (Celli BR), 1255

Physiology secrets, 2nd ed (Raff H), 430

Pleural disease (Bouros D), 1358

Prevention and control of nosocomial infections, 4th ed (Wenzel RP), 688

Principles of pulmonary medicine, 4th ed (Weinberger SE), 846

Pulmonary biology in health and disease (Bittar FE), 210

Radiology of the chest and related conditions (Wright FW), 848

Rapid ACLS (pocket guide) (Aehlert B), 425

Respiratory control and disorders in the newborn (Mathew OP), 311

Respiratory critical care (Davidson C, Treacher D), 110 Respiratory disorders and behavioral medicine (Kaptein AA, Creer TL), 1549

Respiratory medicine, 3rd ed (Gibson GJ et al), 206 Respiratory medicine (PDxMD series), 207

The respiratory system (Davies A, Moores C), 1063

Shelter from the storm: caring for a child with a lifethreatening condition (Hilden JM et al), 311

Sillwee Wobbert and Wheezing Will in the big game (Robert G), 312

Simulations in biomedicine V (Arnez ZM, et al), 424 Textbook of pleural diseases (Light RW, Lee YCG), 1257

Thoracic trauma and critical care (Karmy-Jones R et al), 113

Tobacco dependence and COPD: a state-of-the art series, 1254

Tuberculosis, 2nd ed (Rom WN, Garay SM), 106720 common problems in respiratory disorders (Hueston WJ), 947

Breath sounds. See Auscultation and breath sounds Bronchi

tracheal, 1056

Bronchiolitis

diffuse, chlorine gas inhalation and (case report), 291 in infants, management guidelines, 589

viral, respiratory care process improvement (editorial), 581

Bronchiolitis obliterans

airflow obstruction with dynamic gas trapping, in bone marrow transplantation, 1542

Bronchodilators, bronchodilatation, and bronchodilator administration

for COPD exacerbations, 770 extended-action, for COPD, 65

for infant bronchiolitis, 589

inhaled, in mechanical ventilation, 623

administration technique, 627

dosage, 628

in infants and children, 662

lower-respiratory-tract deposition, 624 metered dose inhaler vs. nebulizer, 640

patient selection, 627

with noninvasive ventilation, 631

Bronchoscopy

lung volume reduction surgery, 57

Bullectomy

for chronic obstructive pulmonary disease, 54

C

Calorimeters and calorimetry

Metabolic measurement using indirect calorimetry during mechanical ventilation—2004 revision & update (AARC clinical practice guideline), 1073

Carbapenems

empiric antibiotics for nosocomial pneumonia (review article), 1530

Carbon dioxide

expired, and pulmonary dead-space fraction in ARDS, 1008

heliox jet ventilation administration and clearance (case report), 1038

respiratory dead space aspiration, in COPD management, 257

Cardiac defibrillation

Resuscitation and defibrillation in the health care setting—2004 revision & update (AARC clinical practice guideline), 1085

Cardiopulmonary resuscitation (CPR), See Resuscitation

Case control studies

research methods, 1171

Case reports

acute interstitial pneumonitis complicating polymyositis, 1515

chlorine gas, acute inhalation injury, 291

community-acquired pneumonia from Pasteurella multocida, 1528

false-positive sputum cytology, in pulmonary infarction, 186

helmet noninvasive ventilation for weaning from ventilatory support, 1035

high PEEP for respiratory failure in abdominal compartment syndrome, 286

high-frequency jet ventilation administration and carbon dioxide clearance augmentation, 1038

lung adenocarcinoma with cystic lesions, 1522

pneumonia from Cryptococcus neoformans, possible transmission from cockatiel, 606

pulmonary hyperinflation and respiratory distress following solvent aspiration, 1335

pulmonary vein thrombosis with venous stenosis following radiofrequency ablation, 1525

purpose of, 1187

respiratory muscle weakness from long-term colchicine therapy, 189

severe ARDS with malaria, 282 writing of, 1186

Cats

community-acquired pneumonia from Pasteurella multocida (case report), 1528

Chemokines

book review

Chemokines in the lung (Strieter RM et al), 948

Chest physical therapy

expiratory rib cage compression for atelectasis (editorial), 894 with endotracheal suctioning, 896

Chlorine

acute inhalation injury (case report), 291

Chronic obstructive pulmonary disease (COPD)

AARC/National Lung Health Education Program and spirometry quality assurance (editorial), 587 alpha-1 antitrypsin deficiency in, 102

book reviews

An atlas of chronic obstructive pulmonary disease (Hansel TT, Barnes PJ), 1253

Coping with chronic obstructive pulmonary disease (Simberg EF), 543

Pharmacotherapy in chronic obstructive pulmonary disease (Celli BR), 1255

Tobacco dependence and COPD: a state-of-the art series, 1254

conference proceedings, 28

diagnosis, 101

drug therapy, 107

alveolar-repairing agents, 67

extended-action bronchodilators, 65

phosphodiesterase inhibitors, 66

vasodilators, 66

emerging medical therapies, 64

epidemiology, 100

exacerbations, 102

acute respiratory failure management, evidence-based practice, 766

assessment, 769

etiology, 767

oxygen therapy, 769

exercise test comparison and rehabilitation outcomes, 1498 helmet noninvasive ventilation for weaning from ventilatory support (case report), 1035

management of, 103

nocturnal hypoxemia in, 42

noninvasive mechanical ventilation, causes of failure, 295

noninvasive positive-pressure ventilation, 72, 107, 812 practice guidelines, 105

pulmonary rehabilitation, 28, 105

reimbursement issues, 45

respiratory dead space aspiration, 257

screening, AARC/National Lung Health Education Program partnership (editorial), 584

sleep disorders in, 39, 106

smoking cessation and, 104

surgical therapies, 53, 106

terminal care, 90, 108

Citation analysis

publications, citations, and impact factors of critical care investigators, 276

Clinical information systems

computers and ICU research, 518

Clinical practice guidelines (CPG). See Guidelines, recommendations, and statements

Clinical trials

research design and methodology, 1165

Colchicine

severe respiratory muscle weakness from long-term therapy (case report), 189

Compartment syndromes

abdominal, high positive end-expiratory pressure for (case report), 286

Computer simulation

book review

Simulations in biomedicine V (Arnez ZM, et al), 424 human lung boundary model, reconstruction from MRI images, 180

patient signs and symptoms, 402 respiratory system, 401, 533

Computer-assisted instruction

teleconferencing and distance learning, 410

Computers. See also Handheld computers

automated lung sound analysis in pneumonia, 1490 in intensive care unit research, 518, 535

for mechanical ventilation control, 507, 535

for patient education, 480, 534

portable, comparison and applications, 497, 535

problems and issues, 525, 536

reliability of data, 527

for remote patient monitoring, 480, 534

in respiratory care

clinical decision-support systems, 378, 533

conference proceedings, 360, 480

information retrieval, 389, 533

management information systems, 367, 532 overview, 361 privacy of health information, 361 summary, 531

staff training and, 489, 534

Conference proceedings

chronic obstructive pulmonary disease, 28
emerging medical therapies, 64
noninvasive positive pressure ventilation, 72
pulmonary rehabilitation, 28
sleep and, 39
summary, 99
surgical therapies, 53
terminal care, 90

computers in respiratory care, 360, 480 clinical decision-support systems, 378

complications of, 525

education, teleconferencing, and distance learning, 410

foreword, 360

information retrieval, 389

for intensive care unit research, 518

management information systems, 367

mechanical ventilation control, 507

overview, 361

patient education and monitoring, 480

portable, applications, 497

simulations and modeling, 401

staff training, 489

summary, 531

evidence-based respiratory care (New Horizons Symposium), 729

acute lung injury, 793

acute respiratory distress syndrome (ARDS), 793

acute respiratory failure, management during COPD exacerbation, 766

asthma management, 783

noninvasive positive-pressure ventilation for acute respiratory failure, 810

principles, 730

respiratory care protocols, effectiveness of, 761

ventilation modes, 742

ventilator weaning and discontinuation, 830

Conferences

effective poster presentation design, 1213 presenting, summarizing, and defending posters, 1217

Confidentiality

in case report writing, 1189

computers and privacy of patient information, 361

Consumer health information

Consumer-directed health care: are consumers ready? (editorial), 1305

Internet-based, 480

Continuous positive airway pressure (CPAP)

Application of continuous positive airway pressure to neonates via nasal prongs, nasopharyngeal tube, or nasal mask—2004 revision & update (AARC clinical practice guideline), 1100

for sleep-related disorders in COPD, 45

Control systems

computerized, in mechanical ventilation, 507

Corrections

Correction of co-author's location "The effect of body mass index on outcomes of patients receiving noninvasive positive-pressure ventilation in acute respiratory failure" (Respir Care 2004;49[11]:1320-1325), 1546

Corticosteroids. See Steroids

Cost-effectiveness and cost issues

Consumer-directed health care: are consumers ready? (editorial), 1305

management information systems, 367

CRCE. See Education and training

Critical care. See Intensive care

Critical thinking

book review

Critical diagnostic thinking in respiratory care: a case-based approach (Stoller JK et al), 844

Cryptococcus neoformans

pneumonia from, in patient receiving infliximab (case report), 606

Cuffs, tracheal tube

endotracheal tube cuff inflators, laboratory evaluation,

Cultural values

book review

Cross-cultural medicine (Bigby JA), 685

Cystic fibrosis

nebulizer use and maintenance by patients, 1504

Cysts

lung adenocarcinoma with cystic lesions (case report), 1522

Cytology

sputum, false-positive, in pulmonary infarction (case report), 186

D

Data collection

clinical decision support systems, 378 management information systems, 367 respiratory care billing using PDA, 1339 surveys, design of, 1181 with handheld computers (editorial), 1307

Database searching

for literature reviews, 1242 tips for, 389

Death and dying

book review

Shelter from the storm: caring for a child with a life-threatening condition (Hilden JM et al), 311 chronic obstructive pulmonary disease and, 90

Decision making

computerized clinical decision support, 378

Consumer-directed health care: are consumers ready? (editorial), 1305

evidence-based management of acute respiratory distress syndrome, online clinical education, 1015 participative, respiratory therapists' attitudes toward, 917

Defibrillation. See Cardiac defibrillation Dermatomyositis

with acute interstitial pneumonitis (case report), 1515

Diagnosis

book review

Ferri's clinical advisor 2003: instant diagnosis and treatment (Ferri FF), 112

Diagnosis, differential

bronchioloalveolar carcinoma vs. pneumonia, 1349

Disinfection. See Infections and infection control Disposable equipment. See Equipment and supplies Distance learning

teleconferencing and, 410

Diving

book reviews

Bennett and Elliott's physiology and medicine of diving, 5th ed (Brubakk AO, Neuman TS), 427Bove and Davis' diving medicine, 4th ed (Bove AA),

Donald F Egan Scientific Lecture 2003

Translating clinical research into clinical practice in the intensive care unit: the central role of respiratory care, 837

Drugs and drug therapy

book reviews

Drugs for the treatment of respiratory diseases (Spina D, et al), 429

Pharmacotherapy in chronic obstructive pulmonary disease (Celli BR), 1255

computer-based delivery systems, 495

E

Editorials

The American Association for Respiratory Care and the National Lung Health Education Program: assuring quality in spirometry, 587

The American Association for Respiratory Care and the National Lung Health Education Program: partnering for our patients, 584 Announcing a new RESPIRATORY CARE section: Teaching Case of the Month, 895

Consumer-directed health care: are consumers ready? 1305

Demand valves for oxygen therapy: your mileage may vary, 156

Expanding opportunities for handheld technology use in respiratory care, 1307

Expiratory chest compression for atelectasis: no harm, no foul-ooops! 894

Guidelines for preventing health-care-associated pneumonia, 2003: buyer beware! 891

Hypothermia—in the operating room and beyond, 158 Is the stethoscope on the verge of becoming obsolete?

Research and publication in respiratory care, 1145

Respiratory care of bronchiolitis patients: a proving ground for process improvement, 581

What do dead-space measurements tell us about the lung with acute respiratory distress syndrome? 1006

Education, continuing

computer-based, 489

CRCE through the Journal—2004, 951; answer key, 1271

evidence-based management of acute respiratory distress syndrome, online clinical education, 1015

Education, patient

AARC/National Lung Health Education Program partnership (editorial), 584, 587

book review

Sillwee Wobbert and Wheezing Will in the big game (Robert G), 312

computers in, 480

durable equipment providers for home respiratory care, comparative information for patients, 1309

Education and training

facilitating research projects, 1199

Life-experience credit versus "diploma mill" (letter), 1059

PDA applications for, 502

staff training and computers, 489

teleconferencing and distance learning, 410

Egan Lecture. See Donald F Egan Scientific Lecture 2003

Electroencephalography

book review

An atlas of infant polysomnography (Crowell DH), 687

Emphysema

book review

Lung volume reduction surgery for emphysema (Fessler HE, et al), 1256

surgery for, 53

Equipment and supplies

demand oxygen delivery systems, characteristics, 160 device and equipment evaluations, research methods, 1157

disposable manual resuscitators, bench evaluation, 1509 durable equipment providers for home care, comparative information for patients, 1309

endotracheal tube cuff inflators, laboratory evaluation, 166

Is the stethoscope on the verge of becoming obsolete? (editorial), 1488

nebulizer designs, performance comparison, 174 oxygen demand valves (editorial), 156

Esophagoduodenoscopy

methemoglobinemia following, 940

Ethics, professional

book review

Ethics and evidence-based medicine: fallibility and responsibility in clinical science (Goodman KW), 844

Evidence-based practice

acute lung injury and acute respiratory distress syndrome,

acute respiratory distress syndrome management, online clinical education, 1015

acute respiratory failure

management during COPD exacerbation, 766 noninvasive positive-pressure ventilation for, 810 asthma management, 783

book review

Ethics and evidence-based medicine: fallibility and responsibility in clinical science (Goodman KW), 844

computerized clinical decision support systems, 378 defined, 731

New Horizons symposium, 729

principles, 730

respiratory care protocols, effectiveness of, 761 ventilator modes, 742

ventilator weaning and discontinuation, 830

Exercise

noninvasive positive-pressure ventilation as adjunct, in pulmonary rehabilitation, 79

Exercise testing

pulmonary rehabilitation outcomes, 1498

Expectorants

for chronic obstructive pulmonary disease exacerbation, 772

Expert testimony

book review

Cross-examination: the comprehensive guide for experts (Babitsky S, Mangraviti JJ Jr), 845

Extracorporeal membrane oxygenation (ECMO)

for acute respiratory distress syndrome, 801

Extubation

blood gas monitoring in mechanical ventilation following spontaneous breathing trial, 1316

F

Fees and charges

respiratory care billing using PDA, 1339

Forced expiratory volume

airflow obstruction with dynamic gas trapping, in bone marrow transplantation, 1542

Fraction of delivered oxygen

disposable manual resuscitators, bench evaluation, 1509

G

Gas and gases

airflow obstruction with dynamic gas trapping, in bone marrow transplantation, 1542 exchange, computer simulations, 405

Gene therapy

book review

Gene therapy in lung disease (Albelda SM), 949

Graft vs host disease

airflow obstruction with dynamic gas trapping, in bone marrow transplantation, 1542

Guidelines, recommendations, and statements

Application of continuous positive airway pressure to neonates via nasal prongs, nasopharyngeal tube, or nasal mask—2004 revision & update (AARC clinical practice guideline), 1100

bronchiolitis treatment in infants, 589

for chronic obstructive pulmonary disease, 105

effectiveness of respiratory care protocols, 761

empiric antimicrobial therapy of nosocomial pneumonia (review article), 1530

Guidelines for preventing health-care-associated pneumonia, 2003; recommendations of the CDC and the Healthcare Infection Control Practices Advisory Committee, 926

Metabolic measurement using indirect calorimetry during mechanical ventilation—2004 revision & update (AARC clinical practice guideline), 1073

Nasotracheal suctioning—2004 revision & update (AARC clinical practice guideline), 1080

prevention of health-care-associated pneumonia, concerns about (editorial), 891

pulmonary rehabilitation for COPD, 28

Resuscitation and defibrillation in the health care setting—2004 revision & update (AARC clinical practice guideline), 1085

tips for locating, 397

Transcutaneous blood gas monitoring for neonatal & pediatric patients—2004 revision & update (AARC clinical practice guideline), 1069

H

Handheld computers

applications, 501 basic features, 500

comparison, 498

expanding use in respiratory care (editorial), 1307

for respiratory care billing, 1339

in respiratory care, 497, 535

Health care

appropriateness of respiratory care in VA hospitals, 907 Consumer-directed health care: are consumers ready? (editorial), 1305

Health Insurance Portability and Accountability Act (HIPPA)

computers and, 529

patient privacy provisions, 361

Heart diseases and disorders

book review

Coronary circulation and myocardial ischemia (Pinsky MR et al), 540

Heat and moisture exchangers

Effects of HME on aerosol administration (letter), 1546

Helium-oxygen gas mixture

for asthma management, 789

for chronic obstructive pulmonary disease exacerbation, 769

high-frequency jet ventilation administration and carbon dioxide clearance augmentation (case report), 1038

in noninvasive positive-pressure ventilation, 824

High-frequency oscillation

for acute chest syndrome, 263

History of respiratory care

Is the stethoscope on the verge of becoming obsolete? (editorial), 1488

Home care

durable equipment providers for home respiratory care, comparative information for patients, 1309

nebulizer use and maintenance by cystic fibrosis patients, 1504

Hospice care

chronic obstructive pulmonary disease, 90

Humidifiers and humidification

for noninvasive positive-pressure ventilation, 823 nasal high-flow gas therapy, evaluation of devices, 902

Hypercapnia and hypercarbia

sleep-related, in COPD, 39

Hypersensitivity. See Allergies

$\label{eq:continuous} \textbf{Hypertension}, \textbf{pulmonary}. \textit{See} \ \textbf{Pulmonary} \ \textbf{hypertension} \\ \textbf{Hypothermia}$

accidental, evaluation and management, 192

clinical manifestations, 193 in operative settings (editorial), 158

rewarming, 198 stabilization, 196

Hypothesis

framing of, 1195

Hypoventilation

sleep-related, in COPD, 39

Hypoxemia and hypoxia

high-frequency oscillation for acute chest syndrome, 263 nocturnal, in COPD, 42

noninvasive mechanical ventilation, causes of failure, 295 respiratory failure with, noninvasive positive-pressure ventilation for, 813

I

Hoprost

aerosolized, 640

In vitro studies

device and equipment evaluation, 1157

Infarction, pulmonary. See Pulmonary embolism Infections and infection control

Guidelines for preventing health-care-associated pneumonia, 2003: buyer beware! (editorial), 891

Guidelines for preventing health-care-associated pneumonia, 2003; recommendations of the CDC and the Healthcare Infection Control Practices Advisory Committee, 926

nebulizer use and maintenance by cystic fibrosis patients, 1504

Information retrieval

computers and ICU research, 518 tips for, 389

Information technology

automated lung sound analysis in pneumonia, 1490 clinical decision support systems, 378

expanding use of handheld devices in respiratory care (editorial), 1307

management information systems, 367

national health information infrastructure, 363

patient education and monitoring, 480

respiratory care billing using PDA, 1339

security issues, 525

staff training and, 489

teleconferencing and distance learning, 410

Informed consent

Consumer-directed health care: are consumers ready? (editorial), 1305

in respiratory care research, 1151

Inhalation exposure

pulmonary hyperinflation and respiratory distress following solvent aspiration (case report), 1335

Inservice training

computers in, 489

Institutional review board

in respiratory care research, 1151

Insufflation, tracheal gas

dead space aspiration vs, in COPD management, 257

Intensive care

book reviews

From nutrition support to pharmacologic nutrition in the ICU (Pichard C, Kudsk KA), 428

Respiratory critical care (Davidson C, Treacher D), 110

publications, citations, and impact factors of critical care investigators, 276

Intensive care units (ICU)

aerosolized antibiotic delivery in, 637

clinical research and respiratory care in, 837

computers for research in, 518

respiratory care protocols, effectiveness of, 762

Internet

evidence-based management of acute respiratory distress syndrome, online clinical education, 1015

health information on, 480

information retrieval tips, 389

teleconferencing and distance learning, 410

Web site review

AccessMedicine.com, 1360

Interstitial lung disease

acute pneumonitis with polymyositis (case report), 1515 book review

Interstitial lung disease, 4th ed (Schwarz MI, King TE Jr), 208

Intubation, endotracheal

body mass index and noninvasive positive-pressure ventilation in acute respiratory failure, 1320

J

Jet ventilation

heliox administration and carbon dioxide clearance augmentation (case report), 1038

Job satisfaction

participative decision making and, 917

K

Kittredge Lecture. See Philip Kittredge Memorial Lecture 2003 Knowledge-based control

in mechanical ventilation, 510

L

Laboratories and laboratory practice

book review

Basic clinical lab competencies for respiratory care, 4th ed (White GC), 537

device and equipment evaluation, 1157

Letters to the editor

Effects of HME on aerosol administration, 1546 Life-experience credit versus 'diploma mill,' 1061 Transtracheal oxygen: not exactly a 'novel' technology, 1354

Liposomes

aerosol formulations, in mechanical ventilation, 668

Lung

book review

Chemokines in the lung (Strieter RM et al), 948 human lung boundary, computer model from MRI images, 180

Lung cancer

adenocarcinoma with cystic lesions (case report), 1522 book review

Lung cancer (Fossella FV, et al), 114

Lung diseases and disorders

book reviews

Gene therapy in lung disease (Albelda SM), 949 Non-neoplastic advanced lung disease (Maurer JR), 1551

Pulmonary biology in health and disease (Bittar FE), 210

false-positive sputum cytology, in pulmonary infarction (case report), 186

surgery for, 53

Lung injury, acute

evidence-based management, 793

ventilator-associated, alveolar instability in, 1045

Lung sounds. See Auscultation and breath sounds Lung transplantation

book review

Lung transplantation (Banner NR, et al), 1256 for chronic obstructive pulmonary disease, 57

Lung volume

airflow obstruction with dynamic gas trapping, in bone marrow transplantation, 1542

alveolar mechanics in mechanical ventilation, 1045 book review

Lung volume reduction surgery for emphysema (Fessler HE, et al), 1256

reduction surgery, for chronic obstructive pulmonary disease, 55

M

Magnetic resonance imaging (MRI)

human lung boundary, computer model, 180

Malaria

severe ARDS with, prone positioning (case report), 282

Measurement methods

Metabolic measurement using indirect calorimetry during mechanical ventilation—2004 revision & update (AARC clinical practice guideline), 1073

respiratory resistance, correction of errors from flowinterruption technique, 1022

Mechanical ventilation

aerosols in, 609

antibiotics, 635

basic techniques, 611

factors affecting drug delivery, 616

inhaled bronchodilator administration, 623

noninvasive ventilation, 620

alveolar mechanics and lung injury, 1045

Application of continuous positive airway pressure to neonates via nasal prongs, nasopharyngeal tube, or nasal mask—2004 revision & update (AARC clinical practice guideline), 1100

blood gas monitoring following spontaneous breathing trial, 1316

book reviews

Assisted ventilation of the neonate, 4th ed (Goldsmith JP, Karotkin EH), 686

Essentials of mechanical ventilation, 2nd ed (Hess DR, Kacmarek RM), 537

Mechanical ventilation and weaning (Mancebo J et al), 211

for chronic obstructive pulmonary disease exacerbation, 773

computer control of, 507, 535

dynamic hyperinflation, determinants in bench model, 1326

endotracheal tube cuff inflators, laboratory evaluation, 166

evidence-based practice, 742

adaptive support ventilation, 748

airway pressure-release ventilation, 754

automatic tube compensation, 752

AutoMode ventilation, 746

dual-control ventilation, 743

proportional-assist ventilation, 746

high-frequency oscillation for acute chest syndrome, 263 lung-protective strategies in ARDS, 794

Metabolic measurement using indirect calorimetry during mechanical ventilation—2004 revision & update (AARC clinical practice guideline), 1073

noninvasive

causes of failure, 295

helmet for weaning from ventilatory support (case report), 1035

respiratory resistance, correction of measurement errors, 1022

ventilators for NPPV, 82

Medical illustration

effective use of tables and figures in publications, 1233

Medical informatics

clinical decision-support systems, 378

computerized clinical information systems, 518

Medical records

computerized clinical decision-support systems, 378 management information systems, 367 PDA applications for, 501

respiratory care billing using PDA, 1339

MEDLINE

information retrieval tips, 389 for literature reviews, 1242

Mentors and mentoring

professional achievement and, 304

Metabolism

Metabolic measurement using indirect calorimetry during mechanical ventilation—2004 revision & update (AARC clinical practice guideline), 1073

Methemoglobinemia

following esophagoduodenoscopy, 940

Models

bi-level positive-pressure ventilators, 270

human lung boundary, computer reconstruction from MRI images, 180

respiratory system, 401

Monitoring

remote, computers in, 480

Mucociliary clearance

in ARDS management, 803

Mucolytic agents. See Expectorants

Musculoskeletal diseases and disorders

respiratory muscle weakness from long-term colchicine therapy (case report), 189

N

National Lung Health Education Program (NLHEP)

AARC partnership and quality assurance in spirometry (editorial), 587

AARC partnership with (editorial), 584 affiliates, 682

roots, mission, future directions, 678

Nebulizers, inhalers, and vaporizers

in asthma management, 790

in mechanical ventilation

configuration of aerosol devices, 614

infants and children, 653

performance of devices, 624

metered-dose inhalers

with spacer, albuterol delivery, 1029

technique improvement, for pediatric asthma, 600 nebulizers

designs and performance comparison, 174

use and maintenance by cystic fibrosis patients, 1504

Neonatal diseases and disorders

book reviews

Assisted ventilation of the neonate, 4th ed (Goldsmith JP; Karotkin EH), 686

Neonatal respiratory disorders, 2nd ed (Greenough A, Milner AD), 1356

Respiratory control and disorders in the newborn (Mathew OP), 311

Neonatal respiratory care

albuterol delivery via metered-dose inhaler with spacer, neonatal ventilator-lung model, 1029

Application of continuous positive airway pressure to neonates via nasal prongs, nasopharyngeal tube, or nasal mask—2004 revision & update (AARC clinical practice guideline), 1100

Transcutaneous blood gas monitoring for neonatal & pediatric patients—2004 revision & update (AARC clinical practice guideline), 1069

Neural networks, artificial

computer control of, 511

New Horizons Symposium. See Conference proceedings

Nitric oxide

inhaled, for acute respiratory distress syndrome, 801

NLHEP. See National Lung Health Education Program Noninvasive positive-pressure ventilation

for acute respiratory failure

aerosol delivery, 823

equipment selection, 818

evidence-based practice, 810

helium-oxygen mixture, 824

humidification during, 823

predictors of success, 817

adjunct, in exercise training, 79

causes of failure, 295

for chronic obstructive pulmonary disease, 72, 107

reimbursement issues, 47 sleep-related disorders, 45

helmet, for ventilator weaning (case report), 1035

pulmonary hyperinflation and respiratory distress following solvent aspiration (case report), 1335

Nosocomial diseases. See also Pneumonia, ventilatorassociated

book reviews

Hospital infection: from miasmas to MRSA (Ayliffe GAJ, English MP), 689

Prevention and control of nosocomial infections, 4th ed (Wenzel RP), 688

concerns about guidelines for pneumonia prevention (editorial), 891

Guidelines for preventing health-care-associated pneumonia, 2003; recommendations of the CDC and the Healthcare Infection Control Practices Advisory Committee, 926

pneumonia, empiric antimicrobial therapy (review article), 1530

Nutrition and malnutrition

in ARDS management, 805

book review

From nutrition support to pharmacologic nutrition in the ICU (Pichard C, Kudsk KA), 428

0

Occupational lung diseases

book review

Occupational disorders of the lung: recognition, management, and prevention (Hendrick DJ et al), 209

OPEN FORUM

abstracts-2004, 1361

Oscillation

high-frequency ventilation, for ARDS, 799

Outcome assessment

exercise test comparison for pulmonary rehabilitation, 1498

noninvasive mechanical ventilation, causes of failure, 295

Outpatients and outpatient care

Transtracheal oxygen: not exactly a 'novel' technology (letter), 1354

Oximeters and oximetry

pulse oximetry measurements and blood gas analysis values, disparity between (PFT Corner), 1059

Transcutaneous blood gas monitoring for neonatal & pediatric patients—2004 revision & update (AARC clinical practice guideline), 1069

Oxygen administration and therapy

bi-level ventilators, positive airway pressure, 270

for chronic obstructive pulmonary disease

exacerbation, 769

reimbursement issues, 45

demand delivery systems, characteristics, 160

demand valves (editorial), 156

nasal cannula/humidifier devices for high-flow gas therapy, bench evaluation, 902

Transtracheal oxygen: not exactly a 'novel' technology (letter), 1354

Oxygen transport, physiologic

Metabolic measurement using indirect calorimetry during mechanical ventilation—2004 revision & update (AARC clinical practice guideline), 1073

Oxyhemoglobin

desaturation following esophagoduodenoscopy, 940

p

Palliative care

for chronic obstructive pulmonary disease, 90, 108

Partial liquid ventilation

for ARDS, 800

Pasteurella infections

community-acquired, from Pasteurella multocida (case report), 1528

Patient education. See Education, patient

Patient positioning

prone, for ARDS

evidence-based practice, 800 with malaria (case report), 282

Patient records. See Medical records

Patient rights

Consumer-directed health care: are consumers ready? (editorial), 1305

Patient satisfaction

durable equipment providers for home respiratory care, comparative information, 1309

Patient transport

book review

Aeromedical evacuation: management of acute and stabilized patients (Hurd WW, Jernigan JG), 113

PDAs. See Handheld computers

Pediatric respiratory care. See also Neonatal respiratory care

aerosol delivery in ventilated patients, 653

albuterol delivery via metered-dose inhaler with spacer, neonatal model, 1029

Application of continuous positive airway pressure to neonates via nasal prongs, nasopharyngeal tube, or nasal mask—2004 revision & update (AARC clinical practice guideline), 1100

book reviews

Shelter from the storm: caring for a child with a life-threatening condition (Hilden JM et al), 311 Sillwee Wobbert and Wheezing Will in the big game (Robert G), 312

bronchiolitis in infants, 589

high-frequency oscillation for acute chest syndrome, 263 metered-dose inhaler technique, improvement of, for asthma, 600

prone positioning for severe ARDS with malaria (case report), 282

software reviews

Pediatric respiratory emergencies (online education module), 314

Pediatric respiratory examination (CD-ROM) (O'Callaghan C, Stannard W), 312

Transcutaneous blood gas monitoring for neonatal & pediatric patients—2004 revision & update (AARC clinical practice guideline), 1069

for viral bronchiolitis (editorial), 581

Peer review

reasons for rejection of manuscripts, 1246

Perioperative care and complications

hypothermia (editorial), 158

Personal digital assistants (PDAs). See Handheld computers

PFT Corner

disparity between pulse oximetry measurements and blood gas analysis values, 1059

Philip Kittredge Memorial Lecture 2003

Advancing beyond the average: the importance of mentoring in professional achievement, 304

Phosphodiesterase inhibitors

for chronic obstructive pulmonary disease, 66

Physiology. See Anatomy and physiology

Pleural diseases and disorders

book reviews

Pleural disease (Bouros D), 1358

Textbook of pleural diseases (Light RW, Lee YCG), 1257

Pneumonia

acute interstitial, complicating polymyositis (case report), 1515

automated lung sound analysis, 1490

bronchioloalveolar carcinoma vs. 1349

community-acquired, from Pasteurella multocida (case report), 1528

from Cryptococcus neoformans, in patient receiving infliximab (case report), 606

Guidelines for preventing health-care-associated pneumonia, 2003; recommendations of the CDC and the Healthcare Infection Control Practices Advisory Committee, 926

nosocomial, empiric antimicrobial therapy (review article), 1530

ventilator-associated

concerns about guidelines for preventing (editorial), 891

noninvasive positive-pressure ventilation and, 817

Poisoning and toxicity

chlorine gas inhalation (case report), 291

Polymyositis

with acute interstitial pneumonitis (case report), 1515

Positive end-expiratory pressure (PEEP)

dynamic hyperinflation, determinants in bench model, 1326

high, in abdominal compartment syndrome (case report), 286

in lung-protective ventilation, evidence-based practice, 798

Positive-pressure ventilation. See also Noninvasive positive-pressure ventilation

bi-level ventilators, oxygen delivery factors, 270

Posters

effective design, 1213

presenting, summarizing, and defending, 1217

Privacy of health information. See Confidentiality Professional practice

mentoring and professional achievement, 304

Prostacyclins

aerosolized, 640

Prostaglandins

aerosolized, 640

Protocols

blood gas monitoring in mechanical ventilation following spontaneous breathing trial, 1316 effectiveness of, 761

Public health

AARC/National Lung Health Education Program partnership (editorial), 584, 587

Public speaking

presenting, summarizing, and defending posters, 1217

Publication. See Writing for publication

PubMed. See MEDLINE

Pulmonary alveolar proteinosis

aerosol administration for, 672

Pulmonary alveoli

instability in ventilator-induced lung injury, 1045 in mechanical ventilation, 1045

Pulmonary edema

cardiogenic, noninvasive positive-pressure ventilation for, 815

Pulmonary embolism

false-positive sputum cytology (case report), 186 pulmonary vein thrombosis with venous stenosis following radiofrequency ablation (case report), 1525

Pulmonary function testing

airflow obstruction with dynamic gas trapping, in bone marrow transplantation, 1542

book reviews

Interpretation of pulmonary function tests: a practical guide, 2nd ed (Hyatt RE et al), 538

Manual of pulmonary function testing, 8th ed (Ruppel), 1066

dead-space measurements in acute respiratory distress syndrome (editorial), 1006 exercise test comparison in pulmonary rehabilitation, 1498

Pulmonary hypertension

aerosolized prostacyclins for, 643

book review

Inhalation therapy for pulmonary hypertension: the proceedings of a symposium held at the Annual Congress of the European Respiratory Society, Berlin, September 2001 (Higenbottam T, Emery C), 541

Pulmonary surfactants

aerosol administration, in mechanical ventilation, 671 alveolar mechanics, 1045 replacement therapy, for ARDS, 800

Pulmonary vein

thrombosis with venous stenosis following radiofrequency ablation (case report), 1525

Q

Quality of health care

quality-assurance research, 1175 respiratory care in VA hospitals, 907

R

Radiofrequency ablation

pulmonary vein thrombosis with venous stenosis following (case report), 1525

Radiography

book review

Radiology of the chest and related conditions (Wright FW), 848

Rehabilitation, pulmonary

for chronic obstructive pulmonary disease, 28, 105 evidence-based guidelines, 28

exercise test comparison and outcomes, 1498

noninvasive positive-pressure ventilation as exercise adjunct, 79

reimbursement for, 32

Reimbursement

for management of sleep-related disorders in COPD, 45 for pulmonary rehabilitation, 32

Research

facilitation of, 1199

literature reviews and selection of references, 1242

PDA applications, 502

presenting, summarizing, and defending posters, 1217 rejection of manuscripts, reasons for, 1246

Research and publication in respiratory care (editorial), 1145

Research methods

case control studies, 1171

computers in intensive care unit, 518 device and equipment evaluation, 1157 framing of hypothesis, 1195 overview, 1149 prospective clinical research, 1165 quality-assurance research, 1175 retrospective studies and chart reviews, 1171 surveys, 1181

Research papers

anatomy of, 1222 design of poster presentations, 1213 effective use of tables and figures, 1233 writing abstracts for presentations, 1206 writing effective discussion, 1238 writing methods section, 1229

Respiration

book review

Mechanics of breathing: pathophysiology, diagnosis, and treatment (Aliverti A et al), 1064

Respiratory care

book review

Egan's fundamentals of respiratory care, 8th ed (Wilkins RL et al), 684

computers in

conference proceedings, 360, 480 remote patient monitoring, 480

staff training, 489

effectiveness of protocols, 761

research

affecting critical care, 837 clinical, design of, 1165 facilitation of, 1199 methods, overview, 1149

in VA hospitals, appropriateness of, 907

RESPIRATORY CARE Journal

rejection of manuscripts, reasons for, 1246 research and publication (editorial), 1145

Respiratory dead space

in acute respiratory distress syndrome editorial, 1006 prognostic value, 1008 aspiration, in COPD management, 257

Respiratory diseases and disorders

book reviews

Multidisciplinary approaches to breathing pattern disorders (Chaitow L et al), 847

Principles of pulmonary medicine, 4th ed (Weinberger SE), 846

Respiratory disorders and behavioral medicine (Kaptein AA, Creer TL), 1549

Respiratory medicine, 3rd ed (Gibson GJ et al), 206 Respiratory medicine (PDxMD series), 207 20 common problems in respiratory disorders (Hueston WJ), 947

Respiratory failure. See also Acute respiratory failure in chronic obstructive pulmonary disease

management, evidence-based practice, 766
noninvasive positive-pressure ventilation and, 72
noninvasive positive-pressure ventilation for, evidence-based practice, 810

Respiratory function tests

for bronchiolitis in infants, 589

Respiratory infections

book review

Fast facts-respiratory tract infections, 2nd ed (Read RC, Craven DE), 111

community-acquired pneumonia from Pasteurella multocida (case report), 1528

Respiratory insufficiency

noninvasive mechanical ventilation, causes of failure,

Respiratory system

book review

The respiratory system (Davies A, Moores C), 1063 computer simulations, 401

Respiratory therapists

attitudes toward participative decision making, 917 computer-based education, 489 mentoring and professional achievement, 304 pulmonary rehabilitation role, 34

Resuscitation

disposable manual resuscitators, bench evaluation, 1509 Resuscitation and defibrillation in the health care setting—2004 revision & update (AARC clinical practice guideline), 1085

Retinoid

for chronic obstructive pulmonary disease, 67

Retrospective studies

chart reviews, 1171

Rewarming

in accidental hypothermia, 198

S

Severity of illness index

noninvasive mechanical ventilation, causes of failure, 295

Sickle cell disease

acute chest syndrome, high-frequency oscillatory ventilation for, 263

Signs and symptoms, respiratory

computer simulations, 402

Sleep apnea

chronic obstructive pulmonary disease and, 39

Sleep disorders

book review

An atlas of infant polysomnography (Crowell DH), 687 in chronic obstructive pulmonary disease, 39, 106 reimbursement issues, 45

Smoking and smoking cessation

book review

Tobacco dependence and COPD: a state-of-the art series, 1254

in chronic obstructive pulmonary disease, 104

Software reviews

Pediatric respiratory emergencies (online education module), 312

Pediatric respiratory examination (CD-ROM) (O'Callaghan C, Stannard W), 312

SPECT. See Tomography, emission computed Spirometry

office, AARC/National Lung Health Education Program partnership and (editorial), 584

Sputum

book review

An atlas of induced sputum: an aid for research and diagnosis (Djukanovic R, Sterk PJ), 1547

false-positive cytology, in pulmonary infarction (case report), 186

Statistics and study design

chart reviews, 1171

framing of hypothesis, 1195

quality-assurance research, 1175

surveys, 1175

tables and figures in publications, effective use of, 1233

Steroids

for chronic obstructive pulmonary disease exacerbation, 771

inhaled

for asthma management, 785

long-acting beta agonists vs, 786

in ventilated infants and children, 662

Suction and suctioning devices

endotracheal, with chest compression for atelectasis, 896 Nasotracheal suctioning—2004 revision & update (AARC clinical practice guideline), 1080

Surgical procedures

for chronic obstructive pulmonary disease, 53, 106

Surveys and questionnaires

nebulizer use and maintenance by cystic fibrosis patients. 1504

research methods, 1181

T

Teaching Case of the Month

airflow limitation and dynamic gas trapping in bone marrow transplantation, 1542

bronchioloalveolar carcinoma masquerading as pneumonia, 1349

methemoglobinemia following esophagoduodenoscopy, 940

tracheal bronchus, 1056

Telemedicine. See Information technology Terminal care

for chronic obstructive pulmonary disease, 90

Thoracic injuries

book review

Thoracic trauma and critical care (Karmy-Jones R et al), 113

Tidal volume

disposable manual resuscitators, bench evaluation, 1509 low, in lung-protective ventilation, 794

pulmonary dead-space fraction, prognostic value in acute respiratory distress syndrome, 1008

Tomography, emission computed

human lung boundary, computer model, 180

Tracheobronchitis

aerosolized antibiotics for, 636

Transportation of patients

book review

Aeromedical evacuation: management of acute and stabilized patients (Hurd WW, Jernigan JG), 113

Treatment outcome

body mass index and noninvasive positive-pressure ventilation in acute respiratory failure, 1320.

Tuberculosis

book review

Tuberculosis, 2nd ed (Rom WN, Garay SM), 1067

Tubes, endotracheal

endotracheal tube cuff inflators, laboratory evaluation,

Tumor necrosis factor inhibitors

pneumonia from Cryptococcus neoformans and (case report), 606

Tuolene

pulmonary hyperinflation and respiratory distress following solvent aspiration (case report), 1335

V

Vasodilators

for chronic obstructive pulmonary disease, 66

Venous stenosis

pulmonary vein thrombosis with venous stenosis following radiofrequency ablation (case report), 1525

Ventilation

partial liquid, for ARDS, 800

Veterans Affairs (VA) hospitals

appropriateness of respiratory care, 907

Vibration, chest wall

pulmonary hyperinflation and respiratory distress following solvent aspiration (case report), 1335

Video reviews

Success in ACLS: essential skills, 3rd ed (Tait C), 425

W

Walking

exercise test comparison for pulmonary rehabilitation, 1498

Weaning from ventilatory support

blood gas monitoring following spontaneous breathing trial, 1316

in chronic obstructive pulmonary disease exacerbation, 775

evidence-based practice, 830

helmet noninvasive ventilation for (case report), 1035 noninvasive positive-pressure ventilation and, 816

Web site reviews

AccessMedicine.com, 1360

Pediatric respiratory emergencies (online education module), 312

Work of breathing

ventilator modes, evidence base for, 742

World Wide Web. See Internet

Writing for publication

case reports, 1186

effective discussions, 1238

literature reviews, 1242

methods section of research papers, 1229

pitfalls of, 1190

poster presentations, 1213

publications, citations, and impact factors of critical care investigators, 276

rejection of manuscripts, reasons for, 1246

research abstracts for presentations, 1206

research and publication (editorial), 1145

research papers, anatomy of, 1222

tables and figures, 1233

Z

Zoonosis

community-acquired pneumonia from Pasteurella multocida (case report), 1528

pneumonia from *Cryptococcus neoformans*, possible transmission from cockatiel (case report), 606

